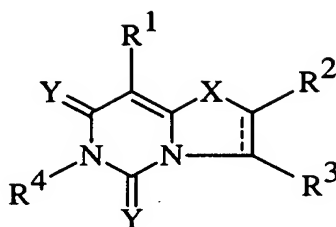


CLAIMS

What is claimed is:

1. A compound of Formula I



5 or a pharmaceutically acceptable salt thereof,
wherein:

“---” is absent or is a bond;

X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

Y is O or S;

10 R¹ is H, (O)_nC₁-C₆ alkyl, (O)_n substituted alkyl, NO₂, NR⁵R⁶, CHO, or
halo;

R², R³, and R⁴ independently are hydrogen, halo, C₁-C₆ alkyl, substituted
C₁-C₆ alkyl, C₂-C₆ alkenyl, substituted C₂-C₆ alkenyl,
C₂-C₁₀ alkynyl, substituted C₂-C₁₀ alkynyl, (CH₂)_m OH,
15 (CH₂)_m OR⁵, (CH₂)_m cycloalkyl, (CH₂)_m substituted cycloalkyl,
CHOH (CH₂)_m aryl, CHOH (CH₂)_m substituted aryl,
CHOH (CH₂)_m heteroaryl, CHOH (CH₂)_m substituted heteroaryl,
(CO₂)_n(CH₂)_m aryl, (CO₂)_n(CH₂)_m substituted aryl,
(CO₂)_n(CH₂)_m heteroaryl, (CO₂)_n(CH₂)_m substituted heteroaryl,
20 (CO₂)_n(CH₂)_m carbocycle, (CO₂)_n(CH₂)_m substituted
carbocycle, (CO₂)_n(CH₂)_m heterocycle, (CO₂)_n(CH₂)_m
substituted heterocycle, (CO₂)_n(CH₂)_m NR⁵R⁶, (CH₂)_m-S(O)₀-
2-(CH₂)_n-aryl, CH(C₁-C₆ alkyl)-aryl, (CH₂)_mN(H)C(=O)aryl,

$(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-substituted aryl}$, $\text{CH}(\text{C}_1\text{-C}_6 \text{ alkyl})\text{-}$
substituted aryl, $(\text{CH}_2)_m\text{N(H)C(=O)}$ substituted aryl,

$\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{aryl}$, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ substituted aryl,

$\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ heteroaryl, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ substituted

5 heteroaryl, $\text{C}\equiv\text{C-(CH}_2)_m\text{aryl}$, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted aryl,

$\text{C}\equiv\text{C-(CH}_2)_m\text{-heteroaryl}$, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted heteroaryl,

$\text{C}\equiv\text{C-(CH}_2)_m$ carbocycle, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted carbocycle, $(\text{CH}_2)_m\text{-}$

O-aryl, $(\text{CH}_2)_m\text{-O-substituted aryl}$, $(\text{CH}_2)_m \text{COR}^5$, $(\text{CH}_2)_m \text{CONR}^5\text{R}^6$,

NH

10

||

$(\text{CH}_2)_m \text{CNR}^5\text{R}^6$,

S

||

$(\text{CH}_2)_m \text{CNR}^5\text{R}^6$, or $(\text{CH}_2)_m \text{CO}_2\text{R}^5$;

15

m is an integer from 0 to 6;

R^5 and R^6 independently are hydrogen, $\text{C}_1\text{-C}_6$ alkyl, substituted $\text{C}_1\text{-C}_6$

alkyl, $(\text{CH}_2)_m$ aryl, $(\text{CH}_2)_m$ substituted aryl, $(\text{CH}_2)_m$ heteroaryl,

or $(\text{CH}_2)_m$ substituted heteroaryl, or R^5 and R^6 are taken together

20

with the nitrogen atom to which they are attached complete a 3- to

7-membered ring containing carbon atoms, the nitrogen atom

bearing R^5 and R^6 , and optionally 1 or 2 heteroatoms

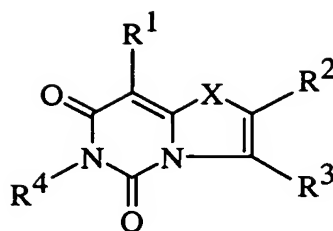
independently selected from O, S, and NR^2 , wherein R^2 is as

defined above; and

25

n is 0 or 1; with the proviso that R^2 and R^4 are not both selected from
hydrogen and $\text{C}_1\text{-C}_6$ alkyl.

2. A compound of Formula II



II

or a pharmaceutically acceptable salt thereof,

wherein:

X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

5 R¹ is H, (O)_nC₁-C₆ alkyl, (O)_n substituted C₁-C₆ alkyl, NO₂, NR⁵R⁶,
CHO, or halo;

10 R², R³, and R⁴ independently are hydrogen, halo, C₁-C₆ alkyl, substituted
C₁-C₆ alkyl, C₂-C₆ alkenyl, substituted C₂-C₆ alkenyl,
C₂-C₁₀ alkynyl, substituted C₂-C₁₀ alkynyl, (CH₂)_m OH,
(CH₂)_m OR⁵, (CH₂)_m cycloalkyl, (CH₂)_m substituted cycloalkyl,
CHOH (CH₂)_m aryl, CHOH (CH₂)_m substituted aryl,
CHOH (CH₂)_m heteroaryl, CHOH (CH₂)_m substituted heteroaryl,
(CO₂)_n(CH₂)_m aryl, (CO₂)_n(CH₂)_m substituted aryl,
(CO₂)_n(CH₂)_m heteroaryl, (CO₂)_n(CH₂)_m substituted heteroaryl,
15 (CO₂)_n(CH₂)_m carbocycle, (CO₂)_n(CH₂)_m substituted
carbocycle, (CO₂)_n(CH₂)_m heterocycle, (CO₂)_n(CH₂)_m
substituted heterocycle, (CO₂)_n(CH₂)_m NR⁵R⁶, (CH₂)_m-S(O)₀-
2-(CH₂)_n-aryl, CH(C₁-C₆ alkyl)-aryl, (CH₂)_mN(H)C(=O)aryl,
(CH₂)_m-S(O)₀₋₂-(CH₂)_n-substituted aryl, CH(C₁-C₆ alkyl)-
20 substituted aryl, (CH₂)_mN(H)C(=O) substituted aryl,

C(=O)N(R⁵)-(CH₂)_maryl, C(=O)N(R⁵)-(CH₂)_m substituted aryl,

C(=O)N(R⁵)-(CH₂)_m heteroaryl, C(=O)N(R⁵)-(CH₂)_msubstituted

heteroaryl, C≡C-(CH₂)_maryl, C≡C-(CH₂)_m substituted aryl,

C≡C-(CH₂)_m-heteroaryl, C≡C-(CH₂)_m substituted heteroaryl,

$C\equiv C-(CH_2)_m$ carbocycle, $C\equiv C-(CH_2)_m$ substituted carbocycle, $(CH_2)_m$ -O-aryl, $(CH_2)_m$ -O-substituted aryl, $(CH_2)_m$ COR⁵, $(CH_2)_m$ CONR⁵R⁶,

NH

||

5 $(CH_2)_m$ CNR⁵R⁶,

S

||

$(CH_2)_m$ CNR⁵R⁶, or $(CH_2)_m$ CO₂R⁵;

m is an integer from 0 to 6;

10 R⁵ and R⁶ independently are hydrogen, C₁-C₆ alkyl, substituted

C₁-C₆ alkyl, $(CH_2)_m$ aryl, $(CH_2)_m$ substituted aryl, $(CH_2)_m$

heteroaryl, $(CH_2)_m$ substituted heteroaryl, or R⁵ and R⁶ are taken

together with the nitrogen atom to which they are attached

complete a 3- to 7-membered ring containing carbon atoms, the

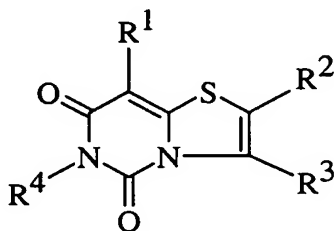
15 nitrogen atom bearing R⁵ and R⁶, and optionally 1 or 2

heteroatoms independently selected from O, S, and NR², wherein

R² is as defined above; and

n is 0 or 1; with the proviso that R² and R⁴ are not both selected from hydrogen and C₁-C₆ alkyl.

20 3. A compound of Formula III



III

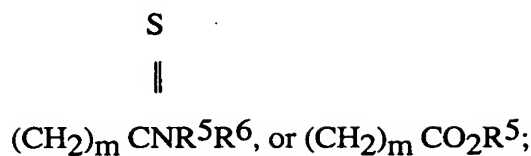
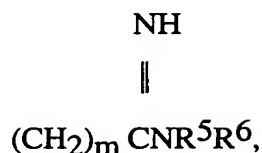
or a pharmaceutically acceptable salt thereof;

wherein:

R¹ is H, (O)_nC₁-C₆ alkyl, (O)_n substituted C₁-C₆ alkyl, NO₂, NR⁵R⁶,

25 CHO, or halo;

R^2 , R^3 , and R^4 independently are hydrogen, halo, C_1 - C_6 alkyl, substituted
 C_1 - C_6 alkyl, C_2 - C_6 alkenyl, substituted C_2 - C_6 alkenyl,
 C_2 - C_{10} alkynyl, substituted C_2 - C_{10} alkynyl, $(CH_2)_m$ OH,
 $(CH_2)_m$ OR⁵, $(CH_2)_m$ cycloalkyl, $(CH_2)_m$ substituted cycloalkyl,
5 $CHOH (CH_2)_m$ aryl, $CHOH (CH_2)_m$ substituted aryl,
 $CHOH (CH_2)_m$ heteroaryl, $CHOH (CH_2)_m$ substituted heteroaryl,
 $(CO_2)_n(CH_2)_m$ aryl, $(CO_2)_n(CH_2)_m$ substituted aryl,
 $(CO_2)_n(CH_2)_m$ heteroaryl, $(CO_2)_n(CH_2)_m$ substituted heteroaryl,
 $(CO_2)_n(CH_2)_m$ carbocycle, $(CO_2)_n(CH_2)_m$ substituted
10 carbocycle, $(CO_2)_n(CH_2)_m$ heterocycle, $(CO_2)_n(CH_2)_m$
substituted heterocycle, $(CO_2)_n(CH_2)_m$ NR⁵R⁶, $(CH_2)_m$ -S(O)₀₋₂-(CH₂)_n-aryl, CH(C_1 - C_6 alkyl)-aryl, $(CH_2)_m$ N(H) C(=O)aryl,
 $(CH_2)_m$ -S(O)₀₋₂-(CH₂)_n-substituted aryl, CH(C_1 - C_6 alkyl)-
substituted aryl, $(CH_2)_m$ N(H)C(=O) substituted aryl,
15 C(=O)N(R⁵)-(CH₂)_maryl, C(=O)N(R⁵)-(CH₂)_m substituted aryl,
C(=O)N(R⁵)-(CH₂)_m heteroaryl, C(=O)N(R⁵)-(CH₂)_msubstituted
heteroaryl, C≡C-(CH₂)_maryl, C≡C-(CH₂)_m substituted aryl,
C≡C-(CH₂)_m-heteroaryl, C≡C-(CH₂)_m substituted heteroaryl,
C≡C-(CH₂)_m carbocycle, C≡C-(CH₂)_m substituted carbocycle, $(CH_2)_m$ -
20 O-aryl, $(CH_2)_m$ -O-substituted aryl, $(CH_2)_m$ COR⁵, $(CH_2)_m$ CONR⁵R⁶,



m is an integer from 0 to 6;

R⁵ and R⁶ independently are hydrogen, C₁-C₆ alkyl, substituted

C₁-C₆ alkyl, (CH₂)_m aryl, (CH₂)_m substituted aryl, (CH₂)_m

heteroaryl, (CH₂)_m substituted heteroaryl, or R⁵ and R⁶ are taken

together with the nitrogen atom to which they are attached

complete a 3- to 7-membered ring containing carbon atoms, the

nitrogen atom bearing R⁵ and R⁶, and optionally 1 or 2

heteroatoms independently selected from O, S, and NR², wherein

R² is as defined above; and

n is 0 or 1; with the proviso that R² and R⁴ are not both selected from hydrogen and C₁-C₆ alkyl.

4. The compound according to Claim 1 of Formula III, or a pharmaceutically acceptable salt thereof, selected from:

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid 4-methoxy-benzylamide.

6-Benzyl-2-(3-phenyl-propionyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid prop-2-ynylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (piperidin-4-ylmethyl)-amide hydrochloride;

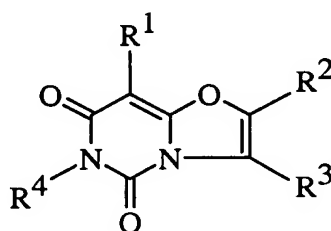
6-Benzyl-2-(1-hydroxy-3-phenyl-allyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-Benzyl-2-(1-hydroxy-3-phenyl-prop-2-ynyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

5 6-Benzyl-2-(hydroxy-phenyl-methyl)-thiazolo[3,2-c]pyrimidine-5,7-dione; and

6-Benzyl-2-(1-hydroxy-3-phenyl-propyl)-thiazolo[3,2-c]pyrimidine-5,7-dione.

5. A compound of Formula IV



IV

or a pharmaceutically acceptable salt thereof,

R^1 is H, $(O)_n C_1-C_6$ alkyl, $(O)_n$ substituted C_1-C_6 alkyl, NO_2 , NR^5R^6 , CHO, or halo;

R^2 , R^3 , and R^4 independently are hydrogen, halo, C_1-C_6 alkyl, substituted C_1-C_6 alkyl, C_2-C_6 alkenyl, substituted C_2-C_6 alkenyl, C_2-C_{10} alkynyl, substituted C_2-C_{10} alkynyl, $(CH_2)_m OH$, $(CH_2)_m OR^5$, $(CH_2)_m$ cycloalkyl, $(CH_2)_m$ substituted cycloalkyl, CHOH $(CH_2)_m$ aryl, CHOH $(CH_2)_m$ substituted aryl, CHOH $(CH_2)_m$ heteroaryl, CHOH $(CH_2)_m$ substituted heteroaryl, $(CO_2)_n(CH_2)_m$ aryl, $(CO_2)_n(CH_2)_m$ substituted aryl, $(CO_2)_n(CH_2)_m$ heteroaryl, $(CO_2)_n(CH_2)_m$ substituted heteroaryl, $(CO_2)_n(CH_2)_m$ carbocycle, $(CO_2)_n(CH_2)_m$ substituted carbocycle, $(CO_2)_n(CH_2)_m$ heterocycle, $(CO_2)_n(CH_2)_m$ substituted heterocycle, $(CO_2)_n(CH_2)_m NR^5R^6$, $(CH_2)_m-S(O)_0-2-(CH_2)_n$ -aryl, $CH(C_1-C_6 \text{ alkyl})$ -aryl, $(CH_2)_m N(H) C(=O)$ aryl,

$(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-substituted aryl}$, $\text{CH}(\text{C}_1\text{-C}_6\text{ alkyl})\text{-}$
substituted aryl, $(\text{CH}_2)_m\text{N(H)C(=O)}$ substituted aryl,

$\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{aryl}$, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{ substituted aryl}$,

$\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{ heteroaryl}$, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{substituted}$

5 heteroaryl , $\text{C}\equiv\text{C-(CH}_2)_m\text{aryl}$, $\text{C}\equiv\text{C-(CH}_2)_m\text{ substituted aryl}$,

$\text{C}\equiv\text{C-(CH}_2)_m\text{-heteroaryl}$, $\text{C}\equiv\text{C-(CH}_2)_m\text{ substituted heteroaryl}$,

$\text{C}\equiv\text{C-(CH}_2)_m\text{ carbocycle}$, $\text{C}\equiv\text{C-(CH}_2)_m\text{ substituted carbocycle}$, $(\text{CH}_2)_m\text{-}$

O-aryl , $(\text{CH}_2)_m\text{-O-substituted aryl}$, $(\text{CH}_2)_m\text{ COR}^5$, $(\text{CH}_2)_m\text{ CONR}^5\text{R}^6$,

10
$$\begin{array}{c} \text{NH} \\ \parallel \\ (\text{CH}_2)_m\text{ CNR}^5\text{R}^6, \end{array}$$

$$\begin{array}{c} \text{S} \\ \parallel \\ (\text{CH}_2)_m\text{ CNR}^5\text{R}^6, \text{ or } (\text{CH}_2)_m\text{ CO}_2\text{R}^5; \end{array}$$

15 m is an integer from 0 to 6;

R^5 and R^6 independently are hydrogen, $\text{C}_1\text{-C}_6$ alkyl, substituted

$\text{C}_1\text{-C}_6$ alkyl, $(\text{CH}_2)_m\text{ aryl}$, $(\text{CH}_2)_m\text{ substituted aryl}$, $(\text{CH}_2)_m$

heteroaryl , $(\text{CH}_2)_m\text{ substituted heteroaryl}$, or R^5 and R^6 are taken

20 together with the nitrogen atom to which they are attached

complete a 3- to 7-membered ring containing carbon atoms, the

nitrogen atom bearing R^5 and R^6 , and optionally 1 or 2

heteroatoms independently selected from O, S, and NR^2 , wherein

R^2 is as defined above; and

n is 0 or 1; with the proviso that R^2 and R^4 are not both selected from

25 hydrogen and $\text{C}_1\text{-C}_6$ alkyl.

6. The compound according to Claim 1 of Formula IV, or a pharmaceutically acceptable salt thereof, selected from:

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;

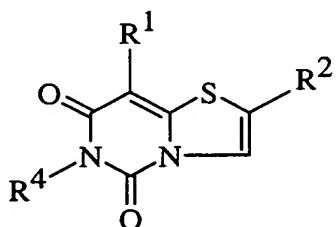
5 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

10 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide; and

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide.

7. A compound of Formula V



V

15 or a pharmaceutically acceptable salt thereof,
wherein:

R¹ is hydrogen, (O)_nC₁-C₆ alkyl, or (O)_n substituted C₁-C₆ alkyl;

R² is (CO₂)_n(CH₂)_m aryl, (CO₂)_n(CH₂)_m substituted aryl;

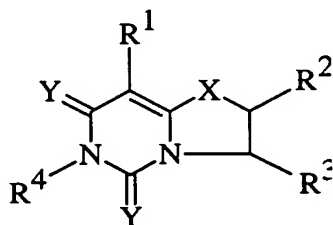
20 R⁴ is (CH₂)_m CO₂R⁵, (CH₂)_m CONR⁵R⁶, CHOH (CH₂)_m aryl, CHOH
(CH₂)_m substituted aryl, CHOH (CH₂)_m heteroaryl, CHOH
(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m aryl,
(CO₂)_n(CH₂)_m substituted aryl, (CO₂)_n(CH₂)_m heteroaryl,
(CO₂)_n(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m carbocycle,
(CO₂)_n(CH₂)_m substituted carbocycle, (CO₂)_n(CH₂)_m
25 heterocycle, (CO₂)_n(CH₂)_m substituted heterocycle;

R^5 and R^6 independently are hydrogen, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, $(CH_2)_m$ aryl, $(CH_2)_m$ substituted aryl, $(CH_2)_m$ heteroaryl, $(CH_2)_m$ substituted heteroaryl, or R^5 and R^6 are taken together with the nitrogen atom to which they are attached complete a 3- to 7-membered ring containing carbon atoms, the nitrogen atom bearing R^5 and R^6 , and optionally 1 or 2 heteroatoms independently selected from O, S, and NR^2 , wherein R^2 is as defined above;

m is an integer of from 0 to 6;

n is 0 or 1.

8. A compound of Formula VI



VI

or a pharmaceutically acceptable salt thereof,

wherein:

X is O, S, SO, SO_2 , CH_2 , $C=O$, $CHOH$, NH , or NR^5 ;

Y is O or S;

R^1 is H, $(O)_n C_1$ - C_6 alkyl, $(O)_n$ substituted C_1 - C_6 alkyl, NO_2 , $NR^5 R^6$, CHO , or halo;

R^2 , R^3 , and R^4 independently are hydrogen, halo, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, C_2 - C_6 alkenyl, substituted C_2 - C_6 alkenyl, C_2 - C_{10} alkynyl, substituted C_2 - C_{10} alkynyl, $(CH_2)_m OH$, $(CH_2)_m OR^5$, $(CH_2)_m$ cycloalkyl, $(CH_2)_m$ substituted cycloalkyl, $CHOH (CH_2)_m$ aryl, $CHOH (CH_2)_m$ substituted aryl, $CHOH (CH_2)_m$ heteroaryl, $CHOH (CH_2)_m$ substituted heteroaryl, $(CO_2)_n (CH_2)_m$ aryl, $(CO_2)_n (CH_2)_m$ substituted aryl,

$(\text{CO}_2)_n(\text{CH}_2)_m$ heteroaryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted heteroaryl,
 $(\text{CO}_2)_n(\text{CH}_2)_m$ carbocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted
carbocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$ heterocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$
substituted heterocycle, $(\text{CO}_2)_n(\text{CH}_2)_m \text{NR}^5\text{R}^6$, $(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-aryl}$, $\text{CH}(\text{C}_1\text{-C}_6 \text{ alkyl})\text{-aryl}$, $(\text{CH}_2)_m\text{N(H) C(=O)aryl}$,
 $(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-substituted aryl}$, $\text{CH}(\text{C}_1\text{-C}_6 \text{ alkyl})\text{-}$
substituted aryl, $(\text{CH}_2)_m\text{N(H)C(=O) substituted aryl}$,
 $\text{C(=O)N(R}^5\text{)-(CH}_2)_m\text{aryl}$, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ substituted aryl,
 $\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ heteroaryl, $\text{C(=O)N(R}^5\text{)-(CH}_2)_m$ substituted
heteroaryl, $\text{C}\equiv\text{C-(CH}_2)_m\text{aryl}$, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted aryl,
 $\text{C}\equiv\text{C-(CH}_2)_m\text{-heteroaryl}$, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted heteroaryl,
 $\text{C}\equiv\text{C-(CH}_2)_m$ carbocycle, $\text{C}\equiv\text{C-(CH}_2)_m$ substituted carbocycle, $(\text{CH}_2)_m\text{-}$
O-aryl, $(\text{CH}_2)_m\text{-O-substituted aryl}$, $(\text{CH}_2)_m \text{COR}^5$, $(\text{CH}_2)_m \text{CONR}^5\text{R}^6$,

$$\begin{array}{c} \text{NH} \\ \parallel \\ (\text{CH}_2)_m \text{CNR}^5\text{R}^6, \end{array}$$

$$\begin{array}{c} \text{S} \\ \parallel \\ (\text{CH}_2)_m \text{CNR}^5\text{R}^6, \text{ or } (\text{CH}_2)_m \text{CO}_2\text{R}^5; \end{array}$$

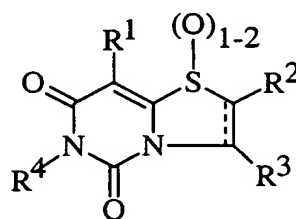
m is an integer from 0 to 6;
m is 0 to 6;
 R^5 and R^6 independently are hydrogen, $\text{C}_1\text{-C}_6$ alkyl, substituted
 $\text{C}_1\text{-C}_6$ alkyl, $(\text{CH}_2)_m$ aryl, $(\text{CH}_2)_m$ substituted aryl, $(\text{CH}_2)_m$
heteroaryl, $(\text{CH}_2)_m$ substituted heteroaryl, or R^5 and R^6 are taken
together with the nitrogen atom to which they are attached
complete a 3- to 7-membered ring containing carbon atoms, the
nitrogen atom bearing R^5 and R^6 , and optionally 1 or 2

heteroatoms independently selected from O, S, and NR^2 , wherein R^2 is as defined above; and

n is 0 or 1; with the proviso that R^2 and R^4 are not both selected from hydrogen and $\text{C}_1\text{-C}_6$ alkyl.

5

9. A compound of Formula VII



VII

or a pharmaceutically acceptable salt thereof,

wherein:

10

“---” is absent or is a bond;

R^1 is H, $(\text{O})_n\text{C}_1\text{-C}_6$ alkyl, $(\text{O})_n$ substituted $\text{C}_1\text{-C}_6$ alkyl, NO_2 , NR^5R^6 , CHO, or halo;

15

R^2 , R^3 , and R^4 independently are hydrogen, halo, $\text{C}_1\text{-C}_6$ alkyl, substituted $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_2\text{-C}_6$ alkenyl, substituted $\text{C}_2\text{-C}_6$ alkenyl, $\text{C}_2\text{-C}_{10}$ alkynyl, substituted $\text{C}_2\text{-C}_{10}$ alkynyl, $(\text{CH}_2)_m\text{OH}$, $(\text{CH}_2)_m\text{OR}^5$, $(\text{CH}_2)_m$ cycloalkyl, $(\text{CH}_2)_m$ substituted cycloalkyl, $\text{CHOH}(\text{CH}_2)_m$ aryl, $\text{CHOH}(\text{CH}_2)_m$ substituted aryl, $\text{CHOH}(\text{CH}_2)_m$ heteroaryl, $\text{CHOH}(\text{CH}_2)_m$ substituted heteroaryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ aryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted aryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ heteroaryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted heteroaryl, $(\text{CO}_2)_n(\text{CH}_2)_m$ carbocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted carbocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$ heterocycle, $(\text{CO}_2)_n(\text{CH}_2)_m$ substituted heterocycle, $(\text{CO}_2)_n(\text{CH}_2)_m\text{NR}^5\text{R}^6$, $(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-aryl}$, $\text{CH}(\text{C}_1\text{-C}_6\text{ alkyl})\text{-aryl}$, $(\text{CH}_2)_m\text{N(H)C(=O)aryl}$, $(\text{CH}_2)_m\text{-S(O)}_{0-2}\text{-(CH}_2)_n\text{-substituted}$

20

25

aryl, CH(C₁-C₆ alkyl)-substituted aryl, (CH₂)_mN(H)C(=O)
substituted aryl,

C(=O)N(R⁵)-(CH₂)_maryl, C(=O)N(R⁵)-(CH₂)_m substituted aryl,
C(=O)N(R⁵)-(CH₂)_m heteroaryl, C(=O)N(R⁵)-(CH₂)_msubstituted
heteroaryl, C≡C-(CH₂)_maryl, C≡C-(CH₂)_m substituted aryl,
C≡C-(CH₂)_m-heteroaryl, C≡C-(CH₂)_m substituted heteroaryl,
C≡C-(CH₂)_m carbocycle, C≡C-(CH₂)_m substituted carbocycle, (CH₂)_m-
O-aryl, (CH₂)_m-O-substituted aryl, (CH₂)_m COR⁵, (CH₂)_m CONR⁵R⁶,

NH
||
(CH₂)_m CNR⁵R⁶,

S
||
(CH₂)_m CNR⁵R⁶, or (CH₂)_m CO₂R⁵;

m is an integer from 0 to 6;

R⁵ and R⁶ independently are hydrogen, C₁-C₆ alkyl, substituted

C₁-C₆ alkyl, (CH₂)_m aryl, (CH₂)_m substituted aryl, (CH₂)_m
heteroaryl, (CH₂)_m substituted heteroaryl, or R⁵ and R⁶ are taken
together with the nitrogen atom to which they are attached
complete a 3- to 7-membered ring containing carbon atoms, the
nitrogen atom bearing R⁵ and R⁶, and optionally 1 or 2
heteroatoms independently selected from O, S, and NR², wherein
R² is as defined above; and

n is 0 or 1; with the proviso that R² and R⁴ are not both selected from
hydrogen and C₁-C₆ alkyl.

10. A compound, or a pharmaceutically acceptable salt thereof, selected from:

6-Benzyl-8-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-
c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid benzylamide;

5 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-Benzyl-1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

10 6-(4-Methoxy-benzyl)-1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-(4-Methoxy-benzyl)-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;

15 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester 2,3-Dihydroxypropionic acid benzyl ester;

6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester hydrochloride;

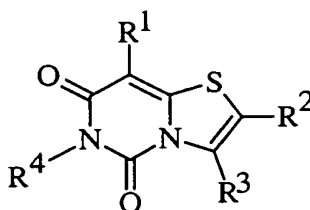
6-Benzyl-1,5,7-trioxo-1,2,3,5,6,7-hexahydro-1H-thiazolo[3,2-c]pyrimidine-3-carboxylic acid benzyl ester;

20 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester; and

6-Benzyl-3-ethoxy-2,3-dihydro-oxazolo[3,2-c]pyrimidine-5,7-dione.

11. The compound according to Claim 1 of Formula VIII

25



VIII

or a pharmaceutically acceptable salt thereof, wherein:

R¹ is H, CH₃, CH₂OH, or CHO

R^2 is $(CO_2)(CH_2)_m$ aryl, $(CO_2)(CH_2)_m$ substituted aryl,
 $(CO_2)(CH_2)_m$ heteroaryl, $(CO_2)(CH_2)_m$ substituted heteroaryl,
 $C(=O)N(R^5)-(CH_2)_m$ -aryl, $C(=O)N(R^5)-(CH_2)_m$ substituted aryl,
 $C(=O)N(R^5)-(CH_2)_m$ heteroaryl, $C(=O)N(R^5)-(CH_2)_m$ substituted
heteroaryl, $C\equiv C-(CH_2)_m$ aryl, $C\equiv C-(CH_2)_m$ substituted aryl,
 $C\equiv C-(CH_2)_m$ heteroaryl, or $C\equiv C-(CH_2)_m$ substituted heteroaryl,
wherein R^5 is hydrogen or methyl;

R^3 is hydrogen or fluoro;

R^4 is C_2 - C_6 alkenyl, substituted C_2 - C_6 alkenyl, C_1 - C_6 alkyl, substituted
 C_1 - C_6 alkyl, C_2 - C_{10} alkenyl, substituted C_2 - C_{10} alkynyl,
 $(CH_2)_mCOR^5$, $(CH_2)_mS(O)_{0-2}-(CH_2)_n$ aryl, $C(=O)N(R^5)-$
 $CH_2)_m$ aryl, $(CH_2)_m-O$ -aryl, $(CH_2)_mS(O)_{0-2}-(CH_2)_n$ substituted
aryl, $C(=O)N(R^5)-CH_2)_m$ substituted aryl, $(CH_2)_m-O$ -substituted
aryl, $(CO_2)_n(CH_2)_m$ aryl, $(CO_2)_n(CH_2)_m$ substituted aryl,
 $(CO_2)_n(CH_2)_m$ heteroaryl, $(CO_2)_n(CH_2)_m$ substituted heteroaryl,
 $(CO_2)_n(CH_2)_m$ carbocycle, or $(CO_2)_n(CH_2)_m$ substituted
carbocycle, wherein

n is 0 or 1;

m is an integer of from 0 to 6; and

R^5 is hydrogen, C_1 - C_6 alkyl, substituted C_1 - C_6 alkyl, $(CH_2)_m$ aryl,
 $(CH_2)_m$ substituted aryl, $(CH_2)_m$ heteroaryl, or $(CH_2)_m$
substituted heteroaryl.

12. The compound according to Claim 11, or a pharmaceutically acceptable
salt thereof, wherein:

R^1 is H or CH_3 ;

R^2 is $C(=O)N(R^5)-(CH_2)_m$ aryl, $C(=O)N(R^5)-(CH_2)_m$ substituted aryl,
 $C(=O)N(R^5)-(CH_2)_m$ heteroaryl, $C(=O)N(R^5)-(CH_2)_m$ substituted

heteroaryl, $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{aryl}$, $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{substituted aryl}$, $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{heteroaryl}$, or $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{substituted heteroaryl}$, wherein

R^5 is H or methyl;

R^3 is hydrogen or fluoro;

5 R^4 is $(\text{CO}_2)_n(\text{CH}_2)_m\text{aryl}$, $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted aryl}$,
 $(\text{CO}_2)_n(\text{CH}_2)_m\text{heteroaryl}$, $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted heteroaryl}$,
 $(\text{CO}_2)_n(\text{CH}_2)_m\text{carbocycle}$, or $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted carbocycle}$, wherein:

n is 0 or 1, and

10 m is an integer of from 0 to 6.

13. The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, wherein:

R^1 is H or CH_3 ;

15 R^2 is $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{aryl}$, $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{substituted aryl}$,
 $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{heteroaryl}$, or $\text{C}\equiv\text{C}-(\text{CH}_2)_m\text{substituted heteroaryl}$,
wherein:

m is 1;

R_3 is hydrogen or fluoro; and

20 R_4 is $(\text{CO}_2)_n(\text{CH}_2)_m\text{aryl}$, $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted aryl}$,
 $(\text{CO}_2)_n(\text{CH}_2)_m\text{heteroaryl}$, $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted heteroaryl}$,
 $(\text{CO}_2)_n(\text{CH}_2)_m\text{carbocycle}$, or $(\text{CO}_2)_n(\text{CH}_2)_m\text{substituted carbocycle}$, wherein

n is 0 and m is 1.

25 14. The compound according to Claim 11, or a pharmaceutically acceptable salt thereof, wherein:

R_1 is H or CH_3 ;

R_2 is $C(=O)N(R^5)-(CH_2)_m$ aryl, $C(=O)N(R^5)-(CH_2)_m$ substituted aryl,
 $C(=O)N(R^5)-(CH_2)_m$ heteroaryl, or $C(=O)N(R^5)-$
 $(CH_2)_m$ substituted heteroaryl,

wherein m is 1 and R^5 is H or CH_3 ;

5 R^3 is hydrogen or fluoro; and

R^4 is $(CO_2)_n(CH_2)_m$ aryl, $(CO_2)_n(CH_2)_m$ substituted aryl,
 $(CO_2)_n(CH_2)_m$ heteroaryl, $(CO_2)_n(CH_2)_m$ substituted heteroaryl,
 $(CO_2)_n(CH_2)_m$ carbocycle, or $(CO_2)_n(CH_2)_m$ substituted
carbocycle, wherein

10 n is 0 and m is 1.

15. The compound according to Claim 11, or a pharmaceutically acceptable
salt thereof, selected from:

4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-
c]pyrimidin-6-ylmethyl]-benzoic acid;

15 4-{2-[3-(4-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-
thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

4-{2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-
thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

20 4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-
thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

4-{2-[3-(3,4-Difluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-
7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

6-Benzyl-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-
c]pyrimidine-5,7-dione;

25 6-(3,4-Dichloro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-
thiazolo[3,2-c]pyrimidine-5,7-dione;

6-(3,4-Dichloro-benzyl)-2-[3-(2-methoxy-pyridin-4-yl)-prop-1-
ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

30 6-Benzyl-8-methyl-2-phenylethynyl-thiazolo[3,2-c]pyrimidine-5,7-
dione;

6-(4-Bromo-benzyl)-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzenesulfonamide;

5 4-{2-[3-(3-Fluoro-4-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

6-(4-Fluoro-benzyl)-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

10 6-Benzyl-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-(3,4-Dichloro-benzyl)-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-(4-Methanesulfonyl-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

15 4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzonitrile;

4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

20 2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(2H-tetrazol-5-yl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-Benzyl-2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-Benzyl-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

25 2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

8-Methyl-6-[4-(morpholine-4-sulfonyl)-benzyl]-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

30 2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

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4-[8-Methyl-5,7-dioxo-2-(4-phenyl-but-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

4-[8-Methyl-5,7-dioxo-2-(6-phenyl-hex-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

5 4-[8-Methyl-5,7-dioxo-2-(5-phenyl-pent-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

4-[8-Methyl-5,7-dioxo-2-(7-phenyl-hept-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

10 (4-{2-[3-(3,4-Difluoro-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;

6-(3-Fluoro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-(3,4-Difluoro-benzyl)-8-methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

15 6-(3-Fluoro-benzyl)-2-[3-(2-methoxy-pyridin-4-yl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

[3-(8-Methyl-5,7-dioxo-2-phenylethynyl-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl)-phenyl]-acetic acid;

20 6-(4-Bromo-benzyl)-2-[3-(4-fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-N,N-dimethyl-benzenesulfonamide;

25 4-{2-[3-(3-Fluoro-4-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-cyclohexanecarboxylic acid;

6-(3,4-Difluoro-benzyl)-2-[3-(3,4-difluoro-phenyl)-prop-1-ynyl]-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-[8-Methyl-5,7-dioxo-2-(3-phenyl-prop-1-ynyl)-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-cyclohexanecarboxylic acid;

30 2-Chloro-4-{2-[3-(3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid;

2-[3-(4-Fluoro-phenyl)-prop-1-ynyl]-6-(4-methanesulfonyl-benzyl)-8-methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

4-{2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzonitrile;

(3-{2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;

5 (4-{2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-phenyl)-acetic acid;

6-(3,4-Difluoro-benzyl)-8-methyl-2-(3-phenyl-prop-1-ynyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

10 2-[3-(3-Methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-[4-(thiomorpholine-4-carbonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

8-Methyl-2-(3-pyridin-4-yl-prop-1-ynyl)-6-[4-(thiomorpholine-4-sulfonyl)-benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione;

15 2-[3-(4-Fluoro-3-methoxy-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
and

2-[3-(3-Methoxy-4-methyl-phenyl)-prop-1-ynyl]-8-methyl-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-thiazolo[3,2-c]pyrimidine-5,7-dione.

20 16. The compound according to Claim 1, or a pharmaceutically acceptable salt thereof, selected from:

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid biphenyl-4-ylamide;

25 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

30 6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(3,4-Dichloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(4-Chloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
6-(4-Chloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichloro-benzylamide;
5 5,7-Dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
10 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;
6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;
15 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 2,4-dichloro-benzylamide;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methyl-benzylamide;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;
20 6-Benzyl-8-formyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (1H-indol-5-ylmethyl)-amide;
25 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (thiazol-4-ylmethyl)-amide hydrochloride;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;
6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;
30 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide hydrochloride;

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6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (imidazo[2,1-b]thiazol-6-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (1-methyl-1H-pyrazol-4-ylmethyl)-amide;

5 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-2-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2,1,3-benzothiadiaazol-5-ylmethyl)-amide;

10 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-difluoro-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide hydrochloride;

15 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-4-methoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-2-ylmethyl)-amide hydrochloride;

20 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methyl-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-trifluoromethyl-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-chloro-benzylamide;

25 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-trifluoromethoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-thiazol-4-ylmethyl)-amide hydrochloride;

30 4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid Sodium salt;

4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester hydrochloride;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid Sodium salt;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid 2-dimethylamino-ethyl ester hydrochloride;

4-{8-Methyl-5,7-dioxo-2-[(pyridin-4-ylmethyl)-carbamoyl]-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid trifluoro-acetic acid salt;

4-{8-Methyl-5,7-dioxo-2-[(pyridin-4-ylmethyl)-carbamoyl]-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl}-benzoic acid 2-dimethylamino-ethyl ester dihydrochloride;

8-Methyl-6-(2-methyl-thiazol-4-ylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

2-Chloro-4-[2-(4-fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;

8-Methyl-5,7-dioxo-6-(2H-tetrazol-5-ylmethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-thiazol-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide hydrochloride;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-2-methyl-benzoic acid methyl ester;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-2-methoxy-benzoic acid methyl ester;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

5 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

10 8-Methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

15 {5-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-isoxazol-3-yl}-carbamic acid methyl ester;

8-Methyl-5,7-dioxo-6-[4-(2H-tetrazol-5-yl)-benzyl]-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

20 8-Methyl-6-[4-(morpholine-4-carbonyl)-benzyl]-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(6-Fluoro-quinolin-2-ylmethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

25 2-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-5-methoxy-pyrimidine-4-carboxylic acid methyl ester;

6-But-2-ynyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

30 8-Methyl-5,7-dioxo-6-(2-oxo-2H-1-benzopyran-6-ylmethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-(3-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

5 6-[2-(4-Chloro-benzenesulfonyl)-ethyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

10 6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

8-Methyl-5,7-dioxo-6-(3-oxo-3-phenyl-propyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

15 8-Methyl-5,7-dioxo-6-(1-phenyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(2-phenylmethanesulfonyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

20 6-(5-Cyano-pentyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(E)-But-2-enyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

25 8-Methyl-5,7-dioxo-6-(E)-pent-2-enyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-sec-Butyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzenesulfonyl-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

30 6-(1-Ethyl-propyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-pent-2-ynyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzenesulfonyl-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-6-(3-methyl-but-2-enyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

5 6-[2-(4-Fluoro-benzenesulfonyl)-ethyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

10 6-[3-(4-Fluoro-phenyl)-3-oxo-propyl]-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

6-(2-Benzoylamino-ethyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

8-Methyl-5,7-dioxo-6-(2-phenoxy-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

15 6-(3,4-Dichloro-benzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;

20 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide; and

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (tetrahydro-furan-2-ylmethyl)-amide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

25 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

30 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methyl-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;

5 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-(4-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

10 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

15 6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

20 6-(4-Dimethylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-3-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

8-Methyl-5,7-dioxo-6-pyridin-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

25 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;

6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;

30 6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

6-Benzo[1,3]dioxol-5-ylmethyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;

5 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methylsulfanylbenzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;

10 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxybenzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

15 6-(4-Pyridylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;

6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;

6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

20 6-(3,4-Dichlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;

25 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid biphenyl-4-ylamide;

30 6-Benzyl-8-formyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide; and

6-Benzyl-8-hydroxymethyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide.

17. The compound according to Claim 1, or a pharmaceutically acceptable salt thereof, selected from:

4-[2-(4-Methoxy-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;

4-[2-(3-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;

4-[2-(4-Fluoro-benzylcarbamoyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-ylmethyl]-benzoic acid methyl ester;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;

6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid methyl ester;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid methyl ester;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;

6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;

8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester; and

6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester.

18. The compound according to Claim 1, or a pharmaceutically acceptable salt thereof, selected from:

6-Benzoyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-(4-Chlorobenzyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;

6-Pyridin-4-ylmethyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

8-Methyl-thiazolo[3,2-c]pyrimidine-5,7-dione;

8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid;

6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid;

4-(8-Methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidin-6-yl-methyl)-benzoic acid tert-butyl ester; and

5 8-Methyl-6-[4-(Morpholine-4-sulfonyl)benzyl]-thiazolo[3,2-c]pyrimidine-5,7-dione.

19. The compound according to Claim 1, or a pharmaceutically acceptable salt thereof, selected from:

10 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

15 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

20 6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

25 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

30 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

5 6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

10 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

15 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

20 6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-amino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

25 6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

30 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

5 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

10 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

15 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

20 6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

25 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

30 6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-ethoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

5 6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

10 6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

15 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

20 6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

25 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

30 6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

5 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

10 6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-hydroxy-pyridin-3-ylmethyl)-amide;

15 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

20 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

25 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

30 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

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6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

5 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

10 6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

15 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

20 6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide;

25 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

30 6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

5 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

10 6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

15 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

20 6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

25 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

30 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methyl-pyridin-4-ylmethyl)-amide;

5 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

10 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

15 6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

20 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

25 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

30 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

5 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

10 6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

15 6-(4-Chloro-3-bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methylamino-pyridin-4-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

20 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

25 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

30 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

5 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

10 6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-3-ylmethyl)-amide;

15 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

20 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

25 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

30 6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

5 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

10 6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

15 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

20 6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-amino-pyridin-3-ylmethyl)-amide;

25 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

30 6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

5 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

10 6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

15 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

20 6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

25 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

30 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-ethoxy-pyridin-3-ylmethyl)-amide;

5 6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

10 6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

15 6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

20 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

25 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

30 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

5 6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

10 6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

15 6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methoxy-pyridin-3-ylmethyl)-amide;

6-(4-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

20 6-(4-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(4-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

25 6-(3-Bromo-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

30 6-(3-Bromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

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6-(4-Bromo-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

5 6-(3-Chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

10 6-(3,4-Dibromo-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

15 6-(4-Bromo-3-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3,4-Difluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

20 6-(3-Bromo-4-chloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

6-(3-Chloro-4-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

25 6-(4-Chloro-3-fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (6-methyl-pyridin-3-ylmethyl)-amide;

30 6-(4-Cyano-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide; and

6-(4-Isopropylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (2-methoxy-pyridin-4-ylmethyl)-amide.

20. The compound according to Claim 1, or a pharmaceutically acceptable salt thereof, selected from:

- 5 8-Methyl-5,7-dioxo-6-(3-oxo-3-phenyl-propyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluoro-benzylamide;
- 8-Methyl-6-(1-phenylethyl) 5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 8-Methyl-5,7-dioxo-6-(2-phenylmethanesulfonyl-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 10 6-(5-Cyano-pentyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 6-(E)-But-2-enyl-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 15 8-Methyl-5,7-dioxo-6-(E)-pent-2-enyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 6-sec-Butyl-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 8-Methyl-6-(2-methyl-allyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 20 6-(1-Ethyl-propyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 8-Methyl-5,7-dioxo-6-pent-2-ynyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 25 6-(2-Benzensulfonyl-ethyl)-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 8-Methyl-6-(3-methyl-but-2-enyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 6-[2-(4-Fluoro-benzensulfonyl)-ethyl]-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;
- 30

6-[3-(4-Fluoro-phenyl)-3-oxo-propyl]-8-Methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

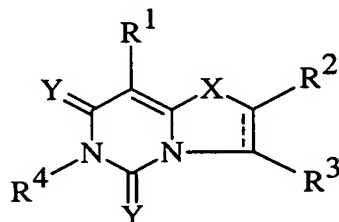
8-Methyl-5,7-dioxo-6-{2-[(1-phenyl-methanoyl)-amino]-ethyl}-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide;

8-Methyl-5,7-dioxo-6-(2-phenoxy-ethyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-fluorobenzylamide; and

{5-[2-(4-Fluoro-benzylcarbonyl)-8-methyl-5,7-dioxo-7H-thiazolo[3,2-c]pyrimidine-6-ylmethyl]-isoxazol-3-yl}-carbamic acid methyl.

21. A pharmaceutical composition, comprising a compound of Claim 1, or a pharmaceutically acceptable salt thereof, admixed with a pharmaceutically acceptable carrier, diluent, or excipient.
22. A method for inhibiting MMP-13 in an animal, comprising administering to the animal an MMP-13 inhibiting amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
23. A method for treating a disease mediated by an MMP-13 enzyme, comprising administering to a patient suffering from such a disease an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
24. A method for treating a cancer, comprising administering to a patient suffering from such a disease an anticancer effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
25. A method for treating breast carcinoma, comprising administering to a patient suffering from such a disease an anticancer effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

26. A method for treating a rheumatoid arthritis, comprising administering to a patient suffering from such a disease an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
27. A method for treating a osteoarthritis, comprising administering to a patient suffering from such a disease an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
28. A method for treating a heart failure, comprising administering to a patient suffering from such a disease an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
29. A method for treating a inflammation, comprising administering to a patient suffering from such a disease an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.
30. A compound of Formula I



I

and the pharmaceutically acceptable salts thereof,

wherein:

“---” is absent or is a bond;

X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

Y is O or S;

R¹ is H, (O)_nC₁-C₆ alkyl, NO₂, NR⁵R⁶, CHO, or halo;

R², R³, and R⁴ independently are hydrogen, halo, C₁-C₆ alkyl,

C₂-C₆ alkenyl, C₂-C₆ alkynyl, (CH₂)_m OH, (CH₂)_m OR⁵,

(CH₂)_m cycloalkyl, (CH₂)_m aryl, CHOH (CH₂)_m aryl, CHOH

(CH₂)_m substituted aryl, CHOH (CH₂)_m heteroaryl, CHOH
(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m aryl,
(CO₂)_n(CH₂)_m substituted aryl, (CO₂)_n(CH₂)_m heteroaryl,
(CO₂)_n(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m carbocycle,
5 (CO₂)_n(CH₂)_m heterocycle, (CO₂)_n(CH₂)_m NR⁵R⁶,

NH

||

(CH₂)_m COR⁵, (CH₂)_m CONR⁵R⁶, (CH₂)_m CNR⁵R⁶, (CH₂)_m

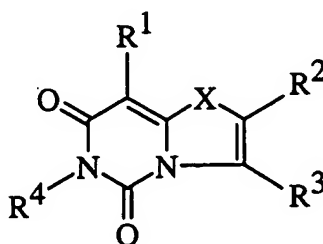
S

||

CNR⁵R⁶, or (CH₂)_m CO₂R⁵; m is an integer from 0 to 6;

R⁵ and R⁶ independently are hydrogen, C₁-C₆ alkyl, (CH₂)_m aryl,
(CH₂)_m heteroaryl, or taken together with the nitrogen to which
they are attached complete a 3- to 7-membered ring; and
15 n is 0 or 1.

31. A compound of Formula II



II

and the pharmaceutically acceptable salts thereof,
wherein:

20 X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

Y is O or S;

R¹ is H, (O)_n, C₁-C₆ alkyl, NO₂, NR⁵R⁶, CHO, or halo;

R², R³, and R⁴ independently are hydrogen, halo, C₁-C₆ alkyl,

C₂-C₆ alkenyl, C₂-C₆ alkynyl, (CH₂)_m OH, (CH₂)_m OR⁵,

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(CH₂)_m cycloalkyl, (CH₂)_m aryl, CHOH (CH₂)_m aryl, CHOH
(CH₂)_m substituted aryl, CHOH (CH₂)_m heteroaryl, CHOH
(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m aryl,
(CO₂)_n(CH₂)_m substituted aryl, (CO₂)_n(CH₂)_m heteroaryl,
5 (CO₂)_n(CH₂)_m substituted heteroaryl, (CO₂)_n(CH₂)_m carbocycle,
(CO₂)_n(CH₂)_m heterocycle, (CO₂)_n(CH₂)_m NR⁵R⁶,

NH

||

(CH₂)_m COR⁵, (CH₂)_m CONR⁵R⁶, (CH₂)_m CNR⁵R⁶, (CH₂)_m

S

||

CNR⁵R⁶, or (CH₂)_m CO₂R⁵;

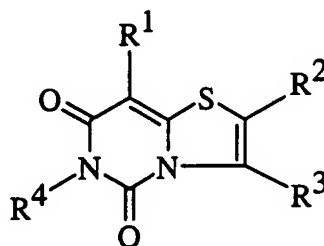
m is an integer from 0 to 6;

R⁵ and R⁶ independently are hydrogen, C₁-C₆ alkyl, (CH₂)_m aryl,

15 (CH₂)_m heteroaryl, or taken together with the nitrogen to which
they are attached complete a 3- to 7-membered ring; and

n is 0 or 1.

32. A compound of Formula III



III

20 and the pharmaceutically acceptable salts thereof;

wherein:

X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

Y is O or S;

R¹ is H, C₁-C₆ alkyl, NO₂, NR⁵R⁶, CHO, or halo;

R^2 , R^3 , and R^4 independently are hydrogen, halo, C_1 - C_6 alkyl,

C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, $(CH_2)_m$ OH, $(CH_2)_m$ OR⁵,
 $(CH_2)_m$ cycloalkyl, $(CH_2)_m$ aryl, CHOH $(CH_2)_m$ aryl, CHOH
 $(CH_2)_m$ substituted aryl, CHOH $(CH_2)_m$ heteroaryl, CHOH
 $(CH_2)_m$ substituted heteroaryl, (CO₂)(CH₂)_m aryl, (CO₂)(CH₂)_m
substituted aryl, (CO₂)(CH₂)_m heteroaryl, (CO₂)(CH₂)_m
substituted heteroaryl, (CO₂)(CH₂)_m carbocycle, (CO₂)(CH₂)_m
heterocycle, (CO₂)(CH₂)_m NR⁵R⁶,

NH

||

$(CH_2)_m$ COR⁵, $(CH_2)_m$ CONR⁵R⁶, $(CH_2)_m$ CNR⁵R⁶, $(CH_2)_m$

S

||

CNR⁵R⁶, or $(CH_2)_m$ CO₂R⁵;

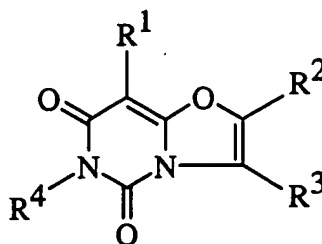
m is an integer from 0 to 6;

R^5 and R^6 independently are hydrogen, C_1 - C_6 alkyl, $(CH_2)_m$ aryl,

$(CH_2)_m$ heteroaryl, or taken together with the nitrogen to which
they are attached complete a 3- to 7-membered ring; and

n is 0 or 1.

33. A compound of Formula IV



IV

and the pharmaceutically acceptable salts thereof,
wherein:

X is O, S, SO, SO₂, CH₂, C = O, CHOH, NH, or NR⁵;

Y is O or S;

R^1 is H, $(O)_n$, C_1 - C_6 alkyl, NO_2 , NR^5R^6 , CHO, or halo;

R^2 , R^3 , and R^4 independently are hydrogen, halo, C_1 - C_6 alkyl,

C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, $(CH_2)_m$ OH, $(CH_2)_m$ OR⁵,
 $(CH_2)_m$ cycloalkyl, $(CH_2)_m$ aryl, CHOH $(CH_2)_m$ aryl, CHOH
 $(CH_2)_m$ substituted aryl, CHOH $(CH_2)_m$ heteroaryl, CHOH
 $(CH_2)_m$ substituted heteroaryl, $(CO_2)_n(CH_2)_m$ aryl,
 $(CO_2)_n(CH_2)_m$ substituted aryl, $(CO_2)_n(CH_2)_m$ heteroaryl,
 $(CO_2)_n(CH_2)_m$ substituted heteroaryl, $(CO_2)_n(CH_2)_m$ carbocycle,
 $(CO_2)_n(CH_2)_m$ heterocycle, $(CO_2)_n(CH_2)_m$ NR⁵R⁶,

NH

||

$(CH_2)_m$ COR⁵, $(CH_2)_m$ CONR⁵R⁶, $(CH_2)_m$ CNR⁵R⁶, $(CH_2)_m$

S

||

CNR⁵R⁶, or $(CH_2)_m$ CO₂R⁵;

m is an integer from 0 to 6;

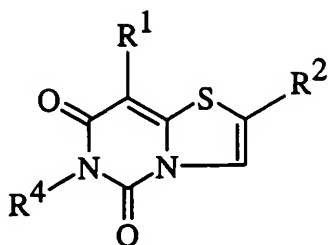
R^5 and R^6 independently are hydrogen, C_1 - C_6 alkyl, $(CH_2)_m$ aryl,

$(CH_2)_m$ heteroaryl, or taken together with the nitrogen to which

they are attached complete a 3- to 7-membered ring; and

n is 0 or 1.

34. A compound of Formula V



V

and the pharmaceutically acceptable salts thereof,

wherein R^1 is hydrogen or alkyl, R^2 is $(CO_2)_n(CH_2)_m$ aryl,

$(CO_2)_n(CH_2)_m$ substituted aryl, R^4 is $(CH_2)_m CO_2R^5$, $(CH_2)_m$
CONR⁵R⁶, CHOH $(CH_2)_m$ aryl, CHOH $(CH_2)_m$ substituted aryl,
CHOH $(CH_2)_m$ heteroaryl, CHOH $(CH_2)_m$ substituted heteroaryl,
5 $(CO_2)_n(CH_2)_m$ aryl, $(CO_2)_n(CH_2)_m$ substituted aryl,
 $(CO_2)_n(CH_2)_m$ heteroaryl, $(CO_2)_n(CH_2)_m$ substituted heteroaryl,
 $(CO_2)_n(CH_2)_m$ carbocycle, or $(CO_2)_n(CH_2)_m$ heterocycle;

m is 0 to 6;

n is 0 or 1.

- 10 35. A compound selected from the group consisting of:
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid benzyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid benzyl ester;
- 15 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid 3-fluoro-benzylamide;
- 6-(3-Fluoro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-
20 thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-fluoro-benzylamide;
- 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-
thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(3,4-Dichloro-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-
thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methyl-
25 benzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-
thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid (pyridin-4-ylmethyl)-amide;

- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid pyridin-4-ylmethyl ester;
- 5 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 6-(4-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 10 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 8-Methyl-5,7-dioxo-6-pyridin-4-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester;
- 15 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 6-(4-Methanesulfonyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 20 8-Methyl-5,7-dioxo-6-(4-sulfamoyl-benzyl)-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 6-(4-Dimethylsulfamoyl-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 25 8-Methyl-5,7-dioxo-6-pyridin-3-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;
- 30 8-Methyl-5,7-dioxo-6-pyridin-2-ylmethyl-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dimethoxy-benzylamide;

- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;
- 5 6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3-methoxy-benzylamide;
- 6-(3-Methoxy-benzyl)-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 10 6-Benzo[1,3]dioxol-5-ylmethyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid benzylamide;
- 15 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carbothioic acid 4-methoxy-benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methylsulfanyl-benzylamide;
- 20 6-Benzyl-3-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzyl ester;
- 6-Benzyl-8-mentyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;
- 6-Benzyl-8-mentyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxybenzylamide;
- 25 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(4-Pyridylmethyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide hydrochloride;
- 6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid 3,4-dichlorobenzylamide;
- 30 6-(4-Chlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-(3,4-Dichlorobenzyl)-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;

- 6-Benzoyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid 3-fluoro-benzylamide;
- 5 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid (pyridin-4-ylmethyl)-amide hydrochloride;
- 6-Benzyl-2-(3-phenyl-propionyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-2-(hydroxy-phenyl-methyl)-thiazolo[3,2-c]pyrimidine-5,7-dione;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-thiazolo[3,2-c]pyrimidine-
10 2-carboxylic acid biphenyl-4-ylamide;
- 6-Benzyl-2-(1-hydroxy-3-phenyl-propyl)-thiazolo[3,2-c]pyrimidine-
5,7-dione;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-
2-carboxylic acid benzyl ester;
- 15 2,3-Dihydroxypropionic acid benzyl ester;
- 2,2-Dioxo-2H-[1,2]oxathiolane-4-carboxylic acid benzyl ester;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-
carboxylic acid benzyl ester;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-
20 carboxylic acid pyridin-4-ylmethyl ester hydrochloride;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-
carboxylic acid;
- 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-
carboxylic acid pyridin-4-ylmethyl ester hydrochloride;
- 25 6-Benzyl-5,7-dioxo-2,3,6,7-tetrahydro-5H-thiazolo[3,2-c]pyrimidine-2-
carboxylic acid (pyridin-4-ylmethyl)-amide;
- 6-Benzyl-1,5,7-trioxo-1,2,3,5,6,7-hexahydro-1H-thiazolo[3,2-
c]pyrimidine-3-carboxylic acid benzyl ester;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-
30 2-carboxylic acid benzyl ester;
- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-
carboxylic acid benzyl ester;

- 6-Benzyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 5 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide;
- 6-Benzyl-8-methyl-5,7-dioxo-6,7-dihydro-5H-oxazolo[3,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 10 6-Benzyl-8-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (benzo[1,3]dioxol-5-ylmethyl)-amide;
- 15 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid benzylamide;
- 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 6-Benzyl-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzyl ester;
- 20 6-Benzyl-1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 6-(4-Methoxy-benzyl)-1-methyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid 4-methoxy-benzylamide;
- 25 6-(4-Methoxy-benzyl)-1,8-dimethyl-5,7-dioxo-1,5,6,7-tetrahydro-imidazo[1,2-c]pyrimidine-2-carboxylic acid (pyridin-4-ylmethyl)-amide; and
- 6-Benzyl-3-ethoxy-2,3-dihydro-oxazolo[3,2-c]pyrimidine-5,7-dione.
36. A pharmaceutical composition comprising a compound of
- 30 Claim 30 together with a pharmaceutically acceptable carrier, diluent, or excipient.

37. A pharmaceutical composition comprising a compound of Claim 31 together with a pharmaceutically acceptable carrier, diluent, or excipient.
- 5 38. A pharmaceutical composition comprising a compound of Claim 32 together with a pharmaceutically acceptable carrier, diluent, or excipient.
39. A pharmaceutical composition comprising a compound of Claim 33 together with a pharmaceutically acceptable carrier, diluent, or excipient.
- 10 40. A pharmaceutical composition comprising a compound of Claim 34 together with a pharmaceutically acceptable carrier, diluent, or excipient.
- 15 41. A method for inhibiting MMP-13 enzymes in animals comprising administering to the animal an MMP-13 inhibiting amount of a compound of Claim 30.
42. A method for treating cancer comprising administering to a patient having cancer and in need of treatment an anticancer effective amount of a compound of Claim 30.
- 20 43. A method for treating osteoarthritis comprising administering to a patient having cancer and in need of treatment an anticancer effective amount of a compound of Claim 30.
44. A method for treating rheumatoid arthritis comprising administering to a patient having cancer and in need of treatment an anticancer effective amount of a compound of Claim 30.